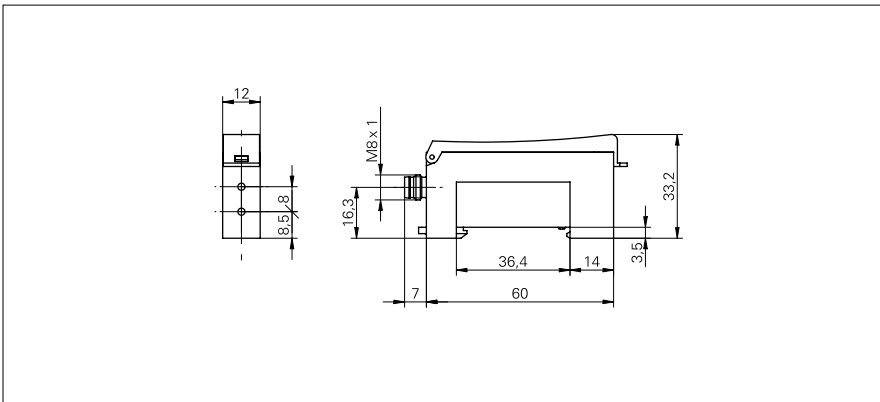


Fiber optic sensors & cables

FVDK 12P6410/S35A

dimension drawing



general data

version	fast version
actual range S_b (FSE 200C1002)	140 mm
sensing distance T_w (FUE 200C1003)	40 mm
light source	pulsed red LED
light indicator	LED green
alignment / soiled lens indicator	LED green, flashing
output indicator	LED yellow
adjustment	Teach-in
wave length	660 nm

electrical data

response time / release time	< 0,05 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	45 mA
current consumption typ.	40 mA
voltage drop V_d	< 1,8 VDC
output function	light / dark operate switchable
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	12 mm
height / length	33,2 mm
depth	60 mm
type	rectangular
housing material	PBT / PC
connection types	connector M8 4 pin

ambient conditions

operating temperature	-25 ... +55 °C
protection class	IP 65

photo



connection diagram

